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Terms	Documents
39r34 and (maize or corn)	0

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*DB=USPT; PLUR=YES; OP=ADJ*L1   39r34 and (maize or corn)0   L1

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<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
L12	relative maturity adj5 77	1	L12
L11	7 adj5 gibberella	22	L11
L10	gibberella adj5 7	0	L10
L9	L8 and l6 and l4 and l2	8	L9
L8	L7 and (maize or corn)	230	L8
L7	cob color adj5 red	230	L7
L6	L5 and (maize or corn)	122	L6
L5	glume color adj5 light green	122	L5
L4	L3 and (maize or corn)	84	L4
L3	anther color adj5 pink	86	L3
L2	L1 and (maize or corn)	42	L2
L1	silk color adj5 light green	42	L1

END OF SEARCH HISTORY

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now available on STN  
NEWS 21 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded  
NEWS 22 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded  
  
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=> file agricola biosis		
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	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'AGRICOLA' ENTERED AT 13:53:27 ON 23 AUG 2002

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=> s silk color adj5 light green  
 L1 0 SILK COLOR ADJ5 LIGHT GREEN

=> s silk color (10w) light green  
 L2 0 SILK COLOR (10W) LIGHT GREEN

=> s anther color (10w) pink  
 L3 0 ANTHER COLOR (10W) PINK

=> s glume color (10w) light green  
 L4 0 GLUME COLOR (10W) LIGHT GREEN

=> s cob color (10w) red  
 L5 0 COB COLOR (10W) RED

=> s 39R34 and (maize or corn)  
 L6 0 39R34 AND (MAIZE OR CORN)

=> s relative maturity (10w) 77  
 L7 0 RELATIVE MATURITY (10W) 77

=> s gibberella and (corn or maize)  
 L8 678 GIBBERELLA AND (CORN OR MAIZE)

=> s l8 and (resist? or toler?)  
 L9 137 L8 AND (RESIST? OR TOLER?)

=> s l9 and corn borer  
 L10 9 L9 AND CORN BORER

=> d 1-9 ti

L10 ANSWER 1 OF 9 AGRICOLA  
 TI Verification and pre-commercial testing of European **corn borer** and **Gibberella** ear rot **resistant** varieties.

L10 ANSWER 2 OF 9 AGRICOLA  
 TI Laboratory and field **resistance** to the European **corn borer** in **maize** germplasm.

L10 ANSWER 3 OF 9 AGRICOLA  
 TI **Resistance** of **maize** to European **corn borer** (*Ostrinia nubilalis*) and to stalk rot caused by **Gibberella zeae**  
**Resistance** du maïs à la pyrale (*Ostrinia nubilalis* Hubner) et à la verse parasitaire causée par **Gibberella zeae** (Schw.) Petch

L10 ANSWER 4 OF 9 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
 TI LABORATORY AND FIELD **RESISTANCE** TO THE EUROPEAN **CORN BORER** IN **MAIZE** GERMPLASM.

L10 ANSWER 5 OF 9 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

TI **RESISTANCE OF MAIZE GERM PLASM TO EUROPEAN  
CORN BORER OSTRINIA-NUBILALIS AS RELATED TO GEOGRAPHICAL  
ORIGIN.**

L10 ANSWER 6 OF 9 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
TI **RESISTANCE OF MAIZE GERMPLASM TO THE EUROPEAN  
CORN BORER OSTRINIA-NUBILALIS AS RELATED TO GEOGRAPHICAL  
ORIGIN.**

L10 ANSWER 7 OF 9 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
TI TAXONOMY OF MEXICAN LANDRACES OF **MAIZE ZEA-MAYS** BASED ON THEIR  
**RESISTANCE TO EUROPEAN CORN BORER  
OSTRINIA-NUBILALIS.**

L10 ANSWER 8 OF 9 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
TI LODGING ENHANCING TECHNIQUES FOR USE ON **CORN ZEA-MAYS**  
PERFORMANCE TRIALS IN SHORT SEASON AREAS.

L10 ANSWER 9 OF 9 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
TI **RESISTANCE OF CORN TO THE EUROPEAN CORN  
BORER OSTRINIA-NUBILALIS AND TO STALK ROT CAUSED BY  
GIBBERELLA-ZEAE.**

=> d so

L10 ANSWER 1 OF 9 AGRICOLA  
SO [Insect resistant maize : recent advances and utilization : proceedings of  
an international symposium held at the International Maize and Wheat  
Improvement Center (CIMMYT), 27 November-3 December, 1994], p. 255-260  
Publisher: Mexico City : CIMMYT, 1997.  
ISBN: 9686923799.

=> d 2 ab

L10 ANSWER 2 OF 9 AGRICOLA  
AB There is a continuing need to screen **maize** (*Zea mays* L.)  
germplasm for sources of **resistance** to the European **corn  
borer**, *Ostrinia nubilalis* (Hubner). This study was conducted to  
determine the **resistance** characteristics to a univoltine strain  
of the European **corn borer** of six groups of  
**maize** germplasm and to examine the relationship among  
**resistance** characteristics. The groups of germplasm consisted of  
(i) a latitudinal series of inbred lines; (ii) a set of the indigenous  
landraces of Mexico; (iii) two Argentine landraces; (iv) three Canadian  
synthetic populations; (v) three international **Maize** and Wheat  
Improvement Center (CIMMYT) **maize** pools; and (vi) two inbred  
lines used as controls. In addition, a multiple borer **resistance**  
population was studied. All germplasm was evaluated for seedling DIMBOA  
[2,4-dihydroxy-7-methoxy(2H)-1,4-benzoxazin-3(4H)-one] content,  
susceptibility to leaf-feeding (both laboratory and field) and to stalk  
tunneling by the European **corn borer**, susceptibility  
to *Gibberella zeae* (Schwein.) Petch (stalk rot) and *Ustilago*  
*zeae* (Beckm.) Unger (**corn smut**), and their ability to mature in  
the climatic conditions prevailing at Ottawa, ON. The inbred lines were  
characterized by high **resistance** to leaf feeding, but  
susceptibility to stalk tunneling, whereas the indigenous Mexican  
landraces were susceptible to leaf feeding. Many significant correlations  
were found among the various parameters, including validation of the  
relation of seedling DIMBOA levels and laboratory leaf-feeding tests with  
the field **resistance** to European **corn borer**.  
This study confirms the importance of examining broad groups of germplasm  
when searching for sources of **resistance** to the European

corn borer.

=> d 1-9 so

L10 ANSWER 1 OF 9 AGRICOLA  
SO [Insect resistant maize : recent advances and utilization : proceedings of an international symposium held at the International Maize and Wheat Improvement Center (CIMMYT), 27 November-3 December, 1994], p. 255-260  
Publisher: Mexico City : CIMMYT, 1997.  
ISBN: 9686923799.

L10 ANSWER 2 OF 9 AGRICOLA  
SO Crop science, Nov/Dec 1991. Vol. 31, No. 6. p. 1496-1502  
Publisher: Madison, Wis. : Crop Science Society of America.  
CODEN: CRPSAY; ISSN: 0011-183X

L10 ANSWER 3 OF 9 AGRICOLA  
SO Phytoprotection, Feb 1977 Vol. 58, No. 1, pp. 5-17. Ref. Eng. Sum.

L10 ANSWER 4 OF 9 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
SO CROP SCI, (1991) 31 (6), 1496-1502.  
CODEN: CRPSAY. ISSN: 0011-183X.

L10 ANSWER 5 OF 9 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
SO CAN J BOT, (1990) 68 (2), 311-316.  
CODEN: CJBOAW. ISSN: 0008-4026.

L10 ANSWER 6 OF 9 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
SO CANADIAN SOCIETY OF AGRONOMY MEETINGS HELD IN CONJUNCTION WITH THE 1989 AGRICULTURAL INSTITUTE OF CANADA CONFERENCE, MONTREAL, QUEBEC, CANADA. CAN J PLANT SCI. (1990) 70 (1), 323.  
CODEN: CPLSAY. ISSN: 0008-4220.

L10 ANSWER 7 OF 9 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
SO EUPHYTICA, (1990) 46 (2), 119-132.  
CODEN: EUPHAA. ISSN: 0014-2336.

L10 ANSWER 8 OF 9 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
SO CAN J PLANT SCI, (1982) 62 (2), 299-304.  
CODEN: CPLSAY. ISSN: 0008-4220.

L10 ANSWER 9 OF 9 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
SO PHYTOPROTECTION, (1977) 58 (1), 5-17.  
CODEN: PYTPAX. ISSN: 0031-9511.

=> s l8 and head smut

L11 0 L8 AND HEAD SMUT

=> s l8 and test weight

L12 1 L8 AND TEST WEIGHT

=> d ti

L12 ANSWER 1 OF 1 AGRICOLA  
TI Maturity of seed corn in relation to yielding ability and disease infection.

=> d so

L12 ANSWER 1 OF 1 AGRICOLA  
SO Journal of the American Society of Agronomy, Apr 1934. Vol. 26, No. 4. p.

262-274

Publisher: Madison, Wis. : American Society of Agronomy.

CODEN: AGJOAT; ISSN: 0002-1962